Army Materiel Comma

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FY06-11 SBCT POM Requirements

2 Feb 04

ESSENTIAL IN PEACE, INDISPENSABLE IN WAR

PURPOSE

Reference: **SBCT brief to MG Stevenson, 22 Jan 04**

Request: **Provide detail breakout of what we're buying by Command on chart 2 of reference briefing**

- Total requirements briefed 22 Jan have increased
  - Tele-maintenance refined downward
  - LARs refined – increased in FY06 and 07 - about the same thereafter
    - Adjusted for accelerated Initial Operating Capability (IOC) for SBCTs 5&6
  - Introduction of Army Battle Command System (ABCS) contractor requirement
  - LOGSA refined downward
  - AFSC ORF/RTF refined downward

Updated FY06-11 SBCT OMA Requirements

Updated POM 06-11 SBCT OMA Requirements						
			$ in Thousands			
	FY06	FY07	FY08	FY09	FY10	FY11
AFSC	5,298	5,291	5,397	5,503	5,612	5,723
CECOM	4,216	4,517	5,258	5,592	6,450	6,642
HQ AMC	1,240	1,290	1,290	550	550	360
LOGSA	692	550	385	281	0	0
RDECOM	900	935	977	1,021	1,055	1,083
Requirements Other Than LARs	12,346	12,583	13,307	12,947	13,667	13,808
LARs*	5,085	6,310	6,408	6,746	6,976	7,212
Total OMA Requirement	17,431	18,893	19,715	19,693	20,643	21,020
DA OMA PBG	2,791	3,295	2,504	2,379	2,379	2,379
* Various MSCs (5 CECOM, 3 TACOM, 1 AMCOM)						

AFSC

	FY06	FY07	FY08	FY09	FY10	FY11
Current Rqmt	5,298	5,291	5,397	5,503	5,612	5,723
22 Jan Rqmt	5,940	6,436	6,742	7,126	7,624	8,287

Manpower	FY06	FY07	FY08	FY09	FY10	FY11
	4,360	4,438	4,518	4,599	4,682	4,766

- **Military – 7 (No OMA Cost)**
  - 0-6 (1) Commands the AMC Forward Stryker
    - Provides C2 for AMC SBCT LSE-Fs
    - CWs (6) 1 each per SBCT LSE-F – Commands the LSE-F
- **Civilians - 17**
  - 5 supporting the AMC Fwd Stryker
  - 12 supporting the six AMC SBCT LSE-Fs -- 1 Deputy Cdr and 1 Help Desk DAC per SBCT LSE-F
- **Contractors – 14**
  - 2 supporting the AMC Fwd Stryker
  - 12 supporting the SBCT LSE-Fs -- 2 per SBCT LSE-F

Tele-maintenance	FY06	FY07	FY08	FY09	FY10	FY11
	868	782	807	830	855	881

- **Description:**
  - Tele-maintenance is a near-real-time reach capability that supports the Warfighter by enabling forward-deployed maintenance support personnel and SMEs in the rear to repair mission-critical equipment. Tele-maintenance employs a collaborative knowledge center and a tool suite with reach-back capabilities to diagnose and execute repairs from almost anywhere in the world. The system is implemented using COTS hardware integrating COTS software and is ruggedized for the environment. It operates on a low bandwidth, can be used in a wireless configuration and incorporates emerging technologies.
- **Tele-maintenance reduces the logistics footprint**
- **Costs includes:**
  - Tele-maintenace boxes, Fielding the boxes, Sustaining the boxes
  - Satellite time, Secure network support, Contract support and TDY

AFSC continued

Operational Readiness Float/Ready to Fight (ORF/RTF)	FY06	FY07	FY08	FY09	FY10	FY11
	30	30	30	30	30	30

- Plans are to store 42 RTF vehicles and 60 ORF vehicles. Locations are assumed to be:
  - RTF -- 14 West coast (FLWA), 14 East coast (Charleston, SC) and 14 Europe
  - ORF – 10 vehicles at each SBCT location
- Maintenance costs are CLS responsibility – no cost to AMC
- No storage under the following assumptions:
  - RTF – DA-owned assets and storage part of APS mission -- DA cost

MMCS Storage	FY06	FY07	FY08	FY09	FY10	FY11
	30	31	32	33	34	35

- Storage preparation costs for the Multi-Media Communications System (MMCS) when not being used for extended periods of time
  - Location – Ft. Monmouth, NJ – all work performed by contractors

KOB Software Maintenance	FY06	FY07	FY08	FY09	FY10	FY11
	10	10	10	11	11	11

- Software maintenance/updates for database that tracks contractors on the battlefield (KOB)

CECOM

	FY06	FY07	FY08	FY09	FY10	FY11
Current Rqmt	4,216	4,517	5,258	5,592	6,450	6,642
22 Jan Rqmt	2,966	2,578	2,580	2,127	2,147	2,188

C4ISR Special Programs Office (SPO)	FY06	FY07	FY08	FY09	FY10	FY11
	2,966	2,576	2,580	2,127	2,147	2,188

- **C4ISR SPO**
  - **Serves as CECOM's primary integrator for transformation management support across all DOTMLPF functions in order to facilitate the C4ISR SBCT USF and sustainment processes**
  - **Manage C4ISR infrastructure and training requirements at all SBCT locations**
  - **Responsible for tracking/monitoring C4ISR MTOE level 1 for SBCT fielding**
  - **Coordinate support for PEO-fielded systems**
  - **Identifies/monitors MTOE/SA disconnects (centralized support for all SBCTs)**
  - **Requirements include:**
    - **Contract support -- 95% of this requirement**
    - **Other costs include: TDY, ADP upgrades, office equipment and an ISSA with FLWA**

CECOM continued

	FY06	FY07	FY08	FY09	FY10	FY11
Army Battle Command Systems (ABCS)	**1,250**	**1,941**	**2,678**	**3,465**	**4,303**	**4,454**

- **ABCS**
  - **Description:**
    - **ABCS is an integrated, ground mobile and fixed deployable network of common hardware/software for echelons at Corps and below. The purpose is to assist Commanders/staff obtain near-real-time access to Command Critical Information Requirements (CCIR). ABCS provides strategic operations and tactical C2 for Service, Joint or combined CONOPs across all spectrums of conflict. ABCS includes GCSS-A, MCS, AFATDS, AMDPCS, ASAS, FBCB2, CSSCS, TAIS, DTSS, ISYSCON, IMETS, WIN-T and TI.**
  - **Requirements include:**
    - **One (1) C4ISR Tech Integration Lead and Three (3) Digital Support Engineers (DSE) supporting Battle Command Systems for each SBCT**
    - **Perform sustainment operations on the Army's digitized C2 system**
    - **Ensure that War-fighters problems are understood, documented and analyzed while work-arounds are developed and fielded**
    - **Training**
      - **IOC training costs will be borne by PEO C3T**

HQ AMC

	FY06	FY07	FY08	FY09	FY10	FY11
Current Rqmt	1,240	1,290	1,290	550	550	360
22 Jan Rqmt	1,240	1,290	1,290	550	550	360

SBCT Contract Support	FY06	FY07	FY08	FY09	FY10	FY11
	1,240	1,290	1,290	550	550	360

- **SBCT Staff Support for HQ AMC**
  - **Monitor AMC – Managed equipment provided to the SBCT**
    - **201 MTOE line items totaling 22,000 pieces/SBCT**
  - **Perform liaison functions with DLA, GSA and MEDCOM**
  - **Coordinate release of AMC items controlled by HQDA and items requiring change in DAMPL sequencing**
  - **Developed and currently maintain Equipment Tracking Database (ETD) on MTOE requirements**
    - **Monitor equipment fill rates**
  - **Serves as member of the Documentation Assistance Review Team (DART)**
    - **Facilitate resolution of equipping issues negatively affecting unit readiness**

LOGSA

	FY06	FY07	FY08	FY09	FY10	FY11
Current Rqmt	692	550	385	281	0	0
22 Jan Rqmt	1,136	1,109	1,186	1,218	1,264	1,306

SBCT Contract Support	FY06	FY07	FY08	FY09	FY10	FY11
	692	550	385	281	0	0

- **Direct contractor support for each SBCT**
  - **Contract support decreases for each SBCT 2 years after IOC**
    - **Assumes units will be supported by Army Force Structure and STAMIS after fielding**
  - **LOGSA mission includes:**
    - **Augment the SBCT LSE-F to identify and correct problems impacting readiness**
    - **Perform data integrity on logistical data**
    - **Foundation for design of FCS support**
    - **Provide visibility of SBCT logistics requirements to the Industrial Base**
    - **Facilitates the critical integration among the supply, maintenance and readiness disciplines**

RDECOM

	FY06	FY07	FY08	FY09	FY10	FY11
Current Rqmt	900	935	977	1,021	1,055	1,083
22 Jan Rqmt	900	935	977	1,021	1,055	1,083

AMSAA Engineering Analysis and Planning	FY06	FY07	FY08	FY09	FY10	FY11
	900	935	977	1,021	1,055	1,083

- **Stryker reliability engineering analysis**
  - **Formulate design changes and improvements that will add strength and durability to selected components**
    - **Increase reliability while decreasing demand for spare parts and maintenance**
  - **Produce recommended weight reduction designs for components without increasing failure rates**
  - **Models developed to produce stress/strain histories for fatigue analysis**
    - **Valuable tools for FCS developers**
- **Automatic usage and environments monitoring and prognostics for maintenance and spares planning**
  - **Develop algorithms/tools to predict many types of failures using life-consumption monitoring.**
    - **Implement prognostics systems in Stryker vehicle systems**
      - **Develop in Stryker now, use in FCS later**
  - **Prognostics give the supply system notification of impending failure thereby enabling the system to "advance order" the needed repair parts**
    - **Increases demand satisfaction**
    - **Increases responsiveness of the logistics system**

Various MSCs

	FY06	FY07	FY08	FY09	FY10	FY11
Current Rqmt	5,085	6,310	6,408	6,746	6,976	7,212
22 Jan Rqmt	4,000	5,200	6,400	6,700	7,000	7,200

Maintenance LARs	FY06	FY07	FY08	FY09	FY10	FY11
	5,085	6,310	6,408	6,746	6,976	7,212

- **Provide LARs IAW AMC/DA – approved SBCT LSE-F Support Concept**
  - **54 total for all SBCT LSEs-F**
  - **5 CECOM LARs, 3 TACOM LARs, 1 AMCOM LAR**
- **LAR support dedicated to each SBCT**
  - **Assumes stand-up of five SBCTs by the end of FY06**
  - **Assumes stand-up of all six SBCTs by the end of FY07**
- **HQDA provided partial LAR funding in FY05-09 mini-POM**

DA OMA PBG	FY06	FY07	FY08	FY09	FY10	FY11
	2,791	3,295	2,504	2,379	2,379	2,379